MODIFIED (REV. 6-89)

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE ATTY DOCKET NO.: NMT-8440

SERIAL No. 10/716,929

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

APPLICANT(S): Rekha Bansal

(Use se	(Use several sheets if necessary)		: November 19, 2003	GROUP: 1644	
NON-PATENT LITERATURE DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
А	Arnstead et al., "Removal of activated complement from shed blood: comparison of high-and low-dilutional haemofiltration". Acta Anaesthesiol Scand. 1998 Aug;42(7):811-5.				
В	Buono et al., "Influence of C3 Deficiency on Athrerosclerosis". Circulation 2002;105;3025-3031				
С	Carter et al., "Humanization of an anti-p185 ^{HER2} antibody for human cancer therapy", Proc. Natl. Acad, Sci USA, Vol 89, pp 4285-4289, May 1992				
D	Chenoweth, D.E., "Complement activation during cardiopulmonary bypass: evidence for generation of C3a and C5a anaphylatoxins. N Engl J Med, 1981. 304(9): p. 497-503.				
Е	Clackson et al., "Making antibody fragments using phage display libraries", Nature 352, 624-628 August 15, 1991				
F	Clardy, C.W., "Complement activation by whole endotoxin is blocked by a monoclonal antibody to factor B." Infect Immun, 1994. 62(10): pp 4549-55				
G	Dahl et al., "MASP-3 and its association with distinct complexes of the Mannan-Binding Lectin Complement Activation Pathway", Immunity, Vol. 15, 127-135, July 2001				
Н	Dang, "Relationship between developmental stenosis of cervical spinal canal and spinal cord injury", Zhonghua Wai Ke Za Zhi, 1992 Nov;29(12):724-6, 796				
I	Dreyer, WJ, et al. "Neutrophil accumulation in ischemic canine myocardium. Insights into time course distribution, and mechanism of localization during early reperfusion". Circulation 1991; 84;400-411				
J	Eaton S., et al. "Assay for Plasma Complement Activation by x-ray contrast media". Invest Radiol, 1990. 25(7):p. 789-92.				
К	Entman, Mark L., et al. "Neutrophil induced oxidative injury of cardiac myocytes", J. Clin. Invest. Vol 90, 1992, p. 1335-1345				
L	Espinoza, Diego G. et al., "Macrophage Depletion Diminishes Lesion Size and Severity in Experimental Choroidal Neovascularization", Invest Ophthalmol Vis Sci. 2003:44:3586-3592				
М	Frederick, G.N., L. Truedsson, and A.G. Sjoholm, "New procedure for the detection of complement deficiency by ELISA. Analysis of activation pathways and circumvention of rheumatoid factor influence". J Immunol Methods, 1993: 166(2): p. 263-70				
N	Gyoten, M., Activation of the complement system and cytokine production by radiographic contrast media in vascular endothelial cell in vitro, Nippon Igaki Hoshasen Gakkai Zasshi. 1998 Dec;58(14):811-5.				
0	Halstensen TS, Brandtzaeg P., <i>Local Complement activation in inflammatory bowel disease</i> , Immunol Res. 1991; 10(3-4): 485-92.				
Р	Halstensen TS, et al., Epithelial deposition of immunoglobulin G1 and activated complement (C3b and terminal complement complex) in ulcerative colitis, Gastroenterology. 1990 May;98(5 pt 1):1264-71.				
Q	Hikawa, Maoshi, et al., <i>Method for production of neuronal hybridoma using emetine and actinomycin D</i> , Brain Research Protocols 1 (1997) 224-226.				
EXAMINER	•		DATE CONSIDERED		
			I.		

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent applicants' attorney.

				Sheet 2 of 4		
MODII FORM I (REV. 6	PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO.: NMT-8440	SERIAL NO. 10/716,929		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			APPLICANT(S): Rekha Bansal			
(Use several sheets if necessary)		veral sheets if necessary)	FILING DATE: November 19, 2003	GROUP: 1644		
	NON-PATENT LITERATURE DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
	Α	Horiuchi, T., et al., <i>Human complement factor B: cDNA cloning, nucleotide sequencing, phenotypic conversion by site-directed mutagenesis and expression.</i> Mol Immunol, 1993. 30 (17): p. 1587-92.				
	В	Hourcade, D.E., L.M. Wagner, and T.J. Oglesby, <i>Analysis of the short consensus repeats of human complement factor B by site-directed mutagenesis</i> . J Biol Chem, 1995. 270 (34): p. 19716-22.				
	С	Ikeda, Ken et al., <i>Serum lectin with known structure activates complement through the classical pathway,</i> Journal of Biological Chemistry. 1987 262(16): p. 7451-7454				
	D	Isaacs, J.D., et al., <i>Therapy with monoclonal antibodies. An in vivo model for the assessment of therapeutic potential.</i> J Immunol, 1992. 148 (10): p. 3062-71.				
	E	Jones HM, et al., Cardiopulmonary bypass and complement activation. Involvement of classical and alternative pathways., Anaesthesia. 1982 Jun;37(6):629-33.				
	F	Jones, Peter T. et al., Replacing the complementarity-determining regions in a human antibody with those from a mouse, Nature 321, 522-525, May 29, 1986				
	G	Kawana S. et al., <i>Membrane attack complex of complement in Henoch-Schönlein purpura skin and nephristis</i> , Arch Dermatol Res. 1990;282(3):187-7.				
	Н	Kilpatrick, David C., <i>Mannan-Binding lectin: clinical significance and applications</i> , Biochimica et Biophysica Acta 1572 (2002) 401-413.				
	l	Kitano A., et al., New treatment of ulcersative colitis with k-76, Dis Colon Rectum. 1992 Jun;35(6):560-7.				
	J	Kolios G. et al., <i>Mediators of inflammation: production and implication in inflammatory bowel disease.</i> Hepatogastroenterology. 1998 Sept-Oct;45(23):1601-9.				
	К	Lonberg Nils, et al., <i>Antigen-specific human antibodies from mice comprising four distinct genetic modifications</i> , Nature 368, 856-859: April 28, 1994.				
	L	Marks, J.D. et al., <i>By-passing immunization. Human antibodies from v-gene libraries displayed on phage</i> , J Mol Biol. 1991 Dec5;222(3)581-597.				
	М	Moore, F.D., Jr., et al., <i>The effects of complement activation during cardiopulmonary bypass. Attenuation by hypothermia, heparin, and hemodilution.</i> Ann Surg, 1988. 208 (1): p. 95-103.				
	N	Morgan BP et al., <i>Measurement of terminal complement complexes in rheumatoid arthritis</i> , Clin Exp Immunol. 1998 Sep;73(3):473-8.				
	0	Morgan BP, Walport MJ, Complement deficiency and disease, Immunol Today. 1991 Sep;12(9):301-6.				
	Р	Morrison SL et al., <i>Chimeric human molecules: mouse antigen-binding domains with human constant region domains</i> , Proc Natl Acad Sci U S A. 1984 Nov;81(21):6851-5.				

EXAMINER

Q

Jun;43(6):1167-72.

DATE CONSIDERED

Nakano S, Engel AG, Myasthenia gravis: quantitative immunocytochemical analysis of inflammatory cells and detection of complement membrane attack complex at the end-plate in 30 patients, Neurology. 1993

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent applicants' attorney.

MODIFIED FORM PTO-1449 (REV. 6-89)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKE	T NO.: NMT-8440	SERIAL NO. 10/716,929
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT(S): Rekha Bansal		
(Use several sheets if necessary)		FILING DATE	: November 19, 2003	GROUP: 1644
NON-	PATENT LITERATURE DOCUME	NTS (Includin	g Author, Title, Date, Pertinent P	ages, Etc.)
A	Niculescu F, Rus H. <i>Complement activation and atherosclerosis</i> , Mol Immunol. 1999 Sep-Oct;36(13-14):949-55.			
В	Pack P. et al., Improved bivalent miniantibodies, with identical avidity as whole antibodies, produced by high cell density fermentation of Escherichia coli, Biotechnology (NY). 1993 Nov;11(11):1271-7.			
С	Pangburn, M.K., R.D. Schreiber, and H.J. Muller-Eberhard, Formation of the initial C3 convertase of the alternative complement pathway. Acquisition of C3b-like activities by spontaneous hydrolysis of the putative thioester in native C3. J Exp Med, 1981. 154 (3): p. 856-67.			
D	Polhill, R.B., Jr., K.M. Pruitt, and R.B. Johnston, Jr., <i>Kinetic assessment of alternative complement pathway activity in a hemolytic system. I. Experimental and mathematical analyses.</i> J Immunol, 1978. 121 (1): p. 363-70.			
E	Ravetch, J.V. and J.P. Kinet, <i>Fc receptors</i> . Annu Rev Immunol, 1991. 9 : p. 457-92.			
F	Sandhu JS, <i>Protein engineering of antibodies</i> , Crit Rev Biotechnol. 1992;12(5-6):437-62.			
G	Schafer Hansjorg, et al. <i>Deposition of the Terminal C5b-9 Complement Complex in infracted areas of human Myocardium,</i> Journal of Immun. 1986; 137(6); p. 1945-1949			
Н	Schmiedt, Walther et al., Complement C6 Deficiency Protects Against Diet-Induced Atherosclerosis in Rabbits, Arterioscler Thromb Vasc Biol. 1998;18:1790-1795.			
I	Schulze, M. et al., Glomerular C3c localization indicates ongoing immune deposit formation and complement activation in experimental glomerulonephritis, Am J Pathol. 1993 Jan;142(1):179-87.			
J	Seifert PS, et al. <i>Isolation and characterization of a complement-activating lipid extracted from human atherosclerosis lesions</i> , J Exp Med. 1990 Aug 1;172(2):547-57.			
K	Seifert PS, et al., <i>Generation of Complement anaphylatoxins and C5b-9 by crystalline cholesterol oxidation derivatives depends on hydroxyl group number and position</i> , Mol Immunol. 1987 Dec;24(12):1303-8.			
L	Seifert PS, et al. <i>The complement system in atherosclerosis</i> , Athrerosclerosis. 1988 Oct;73(2-3):91-104.			
М	Singer II, et al., <i>Optimal humanization of 1B4, an anti-CD18 murine monoclonal antibody, is achieved by correct choice of human V-region framework sequences</i> , J Immunol. 1993 Apr 1;150(7):2844-57.			
N	Stevens, John H., et al. <i>Effects of anti-C5a antibodies on the Adult Respiratory Distress Syndrome in Septic Primates</i> , 1986. 77: p. 1812-1816.			
0	Tada, T. et al., <i>Membrane attack complex of complement and 20 kDa homologous restriction factor (CD59) in myocardial infarction</i> , Virchows Archiv, 1997. 430(4): p. 327-332.			
Р	Takabayashi T., et al., <i>A new biologic role for C3a and C3a desArg: regulation of TNF-alpha and IL-1 beta synthesis</i> , J Immunol. 1996 May 1;156(9):3455-60.			
Q	Theil, Steffen et al., Interaction of C1q abd Mannan-Binding Lectin (MBL) with C1r, c1s, MBL- Associated Serine Proteases 1 and 2, and the MBL-Associated Protein MA919, J. Immunol 2000. 165:878-887.			
EXAMINER			DATE CONSIDERED	

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent applicants' attorney.

MODI FORM (REV. 6	PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKE	T NO.: NMT-8440	SERIAL NO. 10/716,929
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT(S): Rekha Bansal			
	(Use sev	reral sheets if necessary)	FILING DATE	: November 19, 2003	GROUP: 1644
	NON-	PATENT LITERATURE DOCUME	NTS (Includin	g Author, Title, Date, Pertinent P	ages, Etc.)
	Α	Tomooka K., <i>Serum complement levels in patients with rheumatoid arthritis and vasculitis</i> , Fukuoka Ilgaku Zasshi. 1989 Oct;80(10):456-66.			
	В	Utley, J.R., <i>Pathophysiology of cardiopulmonary bypass: current issues</i> . J Card Surg, 1990. 5 (3): p. 177-89.			
	С	van de Winkel, J.G. and P.J. Capel, <i>Human IgG Fc receptor heterogeneity: molecular aspects and clinical implications</i> . Immunol Today, 1993. 14 (5): p. 215-21.			
	D	Vaughan, T.J., J.K. Osbourn, and P.R. Tempest, <i>Human antibodies by design</i> . Nat Biotechnol, 1998. 16 (6): p. 535-9.			
	Е	Woodruff Trent M., et al., A Potent Human C5a Receptor Antagonist Protects against disease Pathology in a Rat Model of Inflammatory Bowel Disease, J. Immunol. 2003. 171:5514-5520			
	F	Yasojima, K. et al., Complement Components, but not Complement Inhibitors, Are Upregulated in Atherosclerotic Plaques, Arterioscler. Thromb. Vasc. Biol. 2001;21;1214-1219.			
	G	Ames, R.S., et al., <i>Identification of a selective nonpeptide antagonist of the anaphylatoxin C3a receptor that demonstrates antiinflammatory activity in animal models.</i> J Immunol, 2001. 166 (10): p. 6341-8.			
	Н	Hulett, M.D. and P.M. Hogarth, <i>Molecular basis of Fc receptor function</i> . Adv Immunol, 1994. 57 : p. 1-127.			
	I	Lin, Y.F., et al., <i>Cytokine production during hemodialysis: effects of dialytic membrane and complement activation.</i> Am J Nephrol, 1996. 16 (4): p. 293-9.			
	J	Liszewski, e.a.T.C.S.I.F.I., Third Edition, pp. 917-939. W. E. Paul (Ed.). Raven Press: New York.			
	К				
	L				
	М				
	N				
	0				
	Р				
	Q				
EXAMINER DATE CONSIDERED					

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent applicants' attorney.